

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, postal address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if multiple names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

INTEGRATED BIOSENSOR AND SIMULATION SYSTEM FOR DIAGNOSIS AND THERAPY

the specification of which is attached hereto unless the following information is indicated:

_____ was filed on _____;
as United States Application Number or PCT International Application Number _____;
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendments referred to above.

I acknowledge the duty to disclose information that is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified, as so indicated below, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application(s) | | | Priority Claimed |
|------------------------------|-----------|------------------------|------------------|
| _____ | _____ | _____ | ___ Yes ___ No |
| (Application No.) | (Country) | (Month/Day/Year Filed) | |

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

| | |
|-------------------|------------------------|
| _____ | _____ |
| (Application No.) | (Month/Day/Year Filed) |

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. 1.56 that became available between the filing date of the prior application and the national or PCT International filing date of this application.

| | | |
|-------------------|------------------------|---|
| _____ | _____ | _____ |
| (Application No.) | (Month/Day/Year Filed) | (Status - patented, pending, abandoned) |

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith:

DENNIS S. FERNANDEZ, REG. NO. 34,160

PETER C. SU, REG. NO. 43,939

ROBERT LEE, REG. NO. 42,790

BEHFAR BASTANI-BOOSHEHRI, REG. NO. 52,599

VERONICA WEINSTEIN, REG. NO. 43,252

MIRCEA ACHIRILOAIE, REG. NO. 48,880

JAMES HARRIS, REG. NO. 52,995